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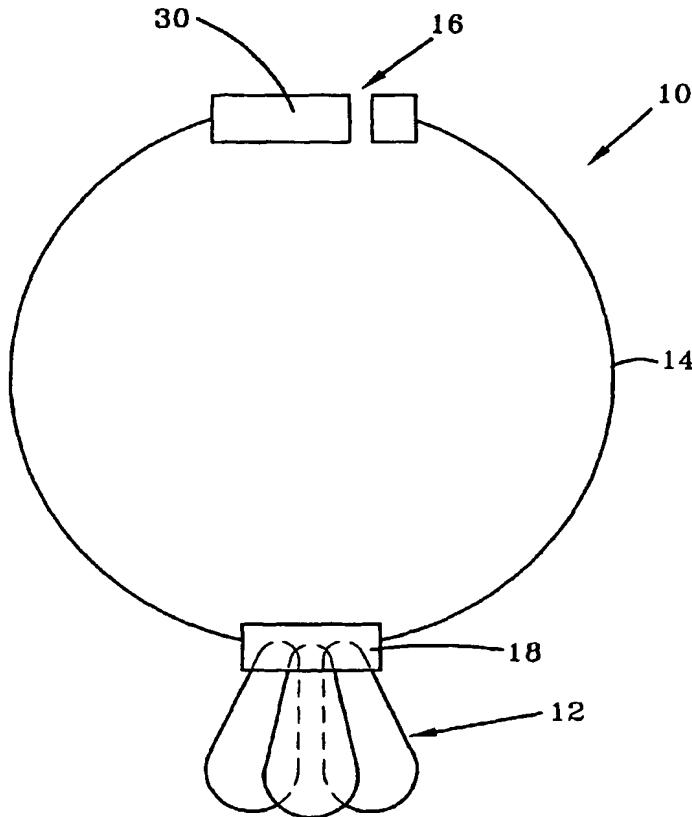
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(54) Title: LIQUID CRYSTAL ACCESSORIES



(57) Abstract: An accessory article incorporating liquid crystal materials includes at least one liquid crystal cell and at least one formable member for carrying the liquid crystal cell. The article includes a driving circuit connected to the at least one liquid crystal cell to control the appearance thereof. The liquid crystal cell comprises a pair of opposed substrates, wherein each the substrate has an electrode disposed thereon and facing the other substrate with a gap that receives the liquid crystal material. Application of an electric field by the driving circuit allows the liquid crystal cell to reflect a desired color and in a desired logo or shape.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G02F 1/13
US CL : 349/13,77,138

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 349/13,77,138

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

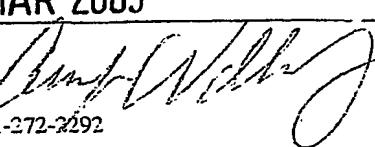
C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,532,705 A (Hama) 02 July 1996 (02.07.1996); Figs. 1A, 1B, 2 and 3; col. 6, line 27 through col. 7, line 21.	1-5 and 21
Y	US 6,239,778 B1 (Palffy-Muhoray et al.) 29 May 2001 (29.05.2001); Figs. 1A, 1B and 2; col. 2, lines 23-37 and line 55 through col. 3, line 30; col. 4, lines 15-52; and col. 5, lines 31-57).	6-13 and 24
Y	US 5,148,297 A (Ishii et al.) 15 September 1992 (15.09.1992); Figs. 4, 7 and 8; col. 4, lines 54-65; col. 5, lines 46-59; and col. 6, lines 10-13.	6, 7, 9 and 12-20
Y	US 6,001,486 A (Varaprasad et al.) 14 December 1999 (14.12.1999); col. 2, lines 13-19 and col. 9, lines 46-48.	15, 17 and 23
Y	US 6,466,298 B1 (Fix et al.) 15 October 2002 (15.10.2002), col. 11, lines 1-24.	15-17, 22 and 23

Further documents are listed in the continuation of Box C.

See patent family annex.

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"&"	document member of the same patent family

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INTERNATIONAL SEARCH REPORT

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,943,104 (Moddel et al.) 24 August 1999 (24.08.1999); Figs. 1, 3A, 3B and 6; col. 1, lines 49-64; col. 5, lines 36-52; col. 8, line 63 through col. 9, line 18.	1,2,6-9,12,13 and 18-20
Y	US 4,106,217 (Witt) 15 August 1978 (15.08.1978), Fig. 3 and col. 5, lines 4-14.	14